



STIC Search Report

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STIC Database Tracking Number: 153609

TO: Patricia Morris
Location: rem/4a61/4c70
Art Unit: 1625
Wednesday, May 18, 2005

Case Serial Number: 10/603997

From: Noble Jarrell
Location: Biotech-Chem Library
Rem 1B71
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Noble.jarrell@uspto.gov

Search Notes

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SEARCH REQUEST FORM

Requester's Full Name: Patricia Morris Examiner #: 65449 Date: 5/17/05
Art Unit: 1625 Phone Number: 2-0688 Serial Number: 10/603,997
Location (Bldg/Room#): 4A61 (Mailbox #): _____ Results Format Preferred (circle): PAPER DISK

To ensure an efficient and quality search, please attach a copy of the cover sheet, claims, and abstract or fill out the following:

Title of Invention: see attached patent

Inventors (please provide full names): _____

Earliest Priority Date: 6-1996

Search Topic:

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc., if known.

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

Please do litigation search on US 6,251,831

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Date Completed: May 18 2005

Searcher Prep & Review Time: 5

Online Time: 5

Type of Search

____ NA Sequence (#)

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☒ Litigation

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____ In-house sequence systems

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Selected file: PLUSPAT

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Last update of file: 2005/05/11 (YYYY/MM/DD) 2005-18/UP (last update)

Search statement 1

?us6251831/pn

** SS 1: Results 1

Search statement 2

?prt full legalall max

1/1 PLUSPAT - (C) QUESTEL-ORBIT
PN - US6251831 B1 20010626 [US6251831]
TI - (B1) Herbicidal sulphonylamino(thio)carbonyl compounds
PA - (B1) BAYER AG (US)
PA0 - Bayer Aktiengesellschaft, Leverkusen [DE]
IN - (B1) DREWES MARK WILHELM (DE); GESING ERNST RUDOLF F (DE); SANTEL
HANS-JOACHIM (DE); KLUTH JOACHIM (DE); FINDEISEN KURT (DE); KIRSTEN
ROLF (DE); KOENIG KLAUS (DE); SCHALLNER OTTO (DE); DOLLINGER MARKUS
(DE); JANSEN JOHANNES RUDOLF (DE); MUELLER KLAUS-HELMUT (DE); RIEBEL
HANS-JOCHEM (DE)
AP - US22324698 19981230 [1998US-0223246]
FD - Cont. of US006686 19980108 [1998US-0006686] (Abandoned)
- C.I.P. of 19960628 []
PR - US22324698 19981230 [1998US-0223246]
- DE19525162 19950711 [1995DE-1025162]
- WOEP9602826 19960628 [1996WO-EP02826]
- US668698 19980108 [1998US-0006686]
IC - (B1) A01N-043/653 C07D-249/12
EC - C07D-487/04 C07D-249:00C C07D-223:00C
- A01N-043/76
- A01N-043/82
- A01N-047/38
- C07C-309/87
- C07C-311/29
- C07C-311/65
- C07D-249/12
- C07D-249/14
- C07D-263/34D
- C07D-263/42
- C07D-271/06B
- C07D-271/10B
PCL - ORIGINAL (O) : 504273000; CROSS-REFERENCE (X) : 548263200 548263400
548263800 548264200 548264600
DT - Corresponding document
CT - US5057144; US5085684; US5238910; US5252540; US5300480; US5488028;
US5534486; US5552369; DE4234801 A1; DE19525162; EP0425948 A2;
EP0482349 A2; EP0534266 A1; EP0708087 A1; WO9527703; WO9611188;
WO9622982; WO9627590; WO9627591; WO9635680
STG - (B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001
AB - The invention relates to novel sulphonylamino(thio)carbonyl compounds

Search done by Noble Jarrell

of the formula (I), (Chemical Structure image '1' not included in text)
in which
A represents a single bond, oxygen, sulphur or the group N--R, in which R represents hydrogen, alkyl, alkenyl, alkynyl or cycloalkyl,
Q represents oxygen or sulphur,
R1 represents hydrogen or formyl or represents in each case optionally substituted alkyl, alkenyl, alkynyl, alkylcarbonyl, alkoxy carbonyl, alkylsulphonyl, cycloalkyl, cycloalkylcarbonyl or cycloalkylsulphonyl,
R2 represents cyano or halogen or represents in each case optionally substituted alkyl, alkenyl, alkynyl, alkoxy, alkenyloxy or alkynyloxy, and
R3 represents in each case optionally substituted heterocyclyl having 5 ring members of which at least one is oxygen, sulphur or nitrogen and from one to three further ring members can be nitrogen, and salts of compounds of the formula (I),
the previously known compounds 4,5-dimethoxy-2-(2,5-dimethoxy-phenylsulphonylaminocarbonyl)-2, 4-dihydro-3H-1,2,4-triazol-3-one, 4,5-diethoxy-2-(2,5-dimethoxy-phenylsulphonylaminocarbonyl)-2, 4-dihydro-3H-1,2,4-triazol-3-one and N-(2,5-dimethoxy-phenylsulphonyl)-1,5-dimethyl-1H-pyrazole-3-carboxamide being excluded by disclaimer;
and also to processes and novel intermediates for the preparation of the novel substances and to their use as herbicides.

UP - 2001-27

1/1 LGST - (C) EPO

PN - US6251831 B1 20010626 [US6251831]

AP - US22324698 19981230 [1998US-0223246]

ACT - 20030916 US/CC-A

CERTIFICATE OF CORRECTION

- 20040309 US/RF-A

REISSUE APPLICATION FILED

EFFECTIVE DATE: 20031105

UP - 2004-12

1/1 CRXX - (C) CLAIMS/RRX

AN - 3532598

PN - 6,251,831 A 20010626 [US6251831]

PA - Bayer AG DE

PT - C (Chemical)

ACT - 20031007 CERTIFICATE OF CORRECTION

- 20031105 REISSUE REQUESTED

ISSUE DATE OF O.G.: 20040309

REISSUE REQUEST NUMBER: 10/603997

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 1625

Reissue Patent Number:

UP - 2003-41

UACT- 2004-03-09

UCOR- 2003-10-07

Search statement 2

?

6251831 or 6,251,831	0	News, All (English, Full Text)	05/18/2005 10:46:37	Re-Run/Edit
6251831 or 6,251,831	0	Patent, Trademark & Copyright Periodicals, Combined	05/18/2005 10:46:24	Re-Run/Edit
6251831 or 6,251,831	0	Patent Cases from Federal Courts and Administrative Materials	05/18/2005 10:46:10	Re-Run/Edit
patno is 6251831	1	Utility, Design and Plant Patents	05/18/2005 10:45:08	Re-Run/Edit

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1 of 1 DOCUMENT

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6251831

[Link to Claims Section](#)

June 26, 2001

Herbicidal sulphonylamino(thio)carbonyl compounds

REISSUE: November 5, 2003 - Reissue Application filed Ex. Gp.: 1625; Re. S.N. 10/603,997 (O.G. March 9, 2004)

CERT-CORRECTION: September 16, 2003 - a Certificate of Correction was issued for this patent (O.G. October 7, 2003)

APPL-NO: 223246 (09)

FILED-DATE: December 30, 1998

GRANTED-DATE: June 26, 2001

ASSIGNEE-AT-ISSUE: Bayer Aktiengesellschaft, Leverkusen, Germany (DE), 03

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Patent Search - Number: 6,251,831



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